RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/553,730_
Source: _Pq/ip_
Date Processed by STIC: _11/1/05_

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PCT

RAW SEQUENCE LISTING   DATE: 11/01/2005
PATENT APPLICATION: US/10/553,730 TIME: 10:49:16

Input Set : **A:\SEQUENCE LIST 33157A.TXT**
Output Set: **N:\CRF4\11012005\J553730.raw**

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   3 <110> APPLICANT: KUMAR, Chandrika S.
   4        DAOUTI, Sherif
   5        LATARIO, Brian J.
   7 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS TARGETING TYROSINE KINASES
   9 <130> FILE REFERENCE: 3491/0M582USO
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/553,730
C--> 12 <141> CURRENT FILING DATE: 2005-10-14
  14 <160> NUMBER OF SEQ ID NOS: 35
  16 <170> SOFTWARE: PatentIn version 3.2
  18 <210> SEQ ID NO: 1
  19 <211> LENGTH: 3949
  20 <212> TYPE: DNA
  21 <213> ORGANISM: Homo sapiens
  23 <400> SEQUENCE: 1
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  28 ctcccgcagc cctcctccct cccgctccct tcccgccgcc tcctccccgc cctcctccct    180
  30 cctcgctcgc gggccgggcc cggcatggtg cggcgtcgcc gccgatggcg ctgaggcgga    240
  32 gcatggggcg gccggggctc ccgccgctgc cgctgccgcc gccaccgcgg ctcgggctgc    300
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  54 cagcccccctt caacatcacc gtgacaaagc tttccagcag caacgctagt gtggcctgga    960
  56 tgccaggtgc tgatggccga gctctgctac agtcctgtac agttcaggtg acacaggccc   1020
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169             20                  25                  30
172 Leu Leu Leu Pro Glu Ser Ala Ala Ala Gly Leu Lys Leu Met Gly Ala
173         35                  40                  45
176 Pro Val Lys Leu Thr Val Ser Gln Gly Gln Pro Val Lys Leu Asn Cys
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Input Set : A:\SEQUENCE LIST 33157A.TXT
Output Set: N:\CRF4\11012005\J553730.raw

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185                  85                  90                  95
188 His Trp Ile Gly Phe Leu Ser Leu Lys Ser Val Glu Arg Ser Asp Ala
189              100                 105                 110
192 Gly Arg Tyr Trp Cys Gln Val Glu Asp Gly Gly Glu Thr Glu Ile Ser
193              115                 120                 125
196 Gln Pro Val Trp Leu Thr Val Glu Gly Val Pro Phe Phe Thr Val Glu
197          130                 135                 140
200 Pro Lys Asp Leu Ala Val Pro Pro Asn Ala Pro Phe Gln Leu Ser Cys
201 145                 150                 155                 160
204 Glu Ala Val Gly Pro Pro Glu Pro Val Thr Ile Val Trp Trp Arg Gly
205              165         .       170                 175
208 Thr Thr Lys Ile Gly Gly Pro Ala Pro Ser Pro Ser Val Leu Asn Val
209              180                 185                 190
212 Thr Gly Val Thr Gln Ser Thr Met Phe Ser Cys Glu Ala His Asn Leu
213              195                 200                 205         .
216 Lys Gly Leu Ala Ser Ser Arg Thr Ala Thr Val His Leu Gln Ala Leu .
217          210                 215                 220
220 Pro Ala Ala Pro Phe Asn Ile Thr Val Thr Lys Leu Ser Ser Ser Asn
221 225                 230                 235                 240
224 Ala Ser Val Ala Trp Met Pro Gly Ala Asp Gly Arg Ala Leu Leu Gln
225              245                 250                 255
228 Ser Cys Thr Val Gln Val Thr Gln Ala Pro Gly Gly Trp Glu Val Leu
229              260                 265                 270   .
232 Ala Val Val Val Pro Val Pro Pro Phe Thr Cys Leu Leu Arg Asp Leu
233          275                 280                 285
236 Val Pro Ala Thr Asn Tyr Ser Leu Arg Val Arg Cys Ala Asn Ala Leu
237          290                 295                 300
240 Gly Pro Ser Pro Tyr Ala Asp Trp Val Pro Phe Gln Thr Lys Gly Leu
241 305                 310  .              315                 320
244 Ala Pro Ala Ser Ala Pro Gln Asn Leu His Ala Ile Arg Thr Asp Ser
245              325                 330                 335
248 Gly Leu Ile Leu Glu Trp Glu Glu Val Ile Pro Glu Ala Pro Leu Glu
249              340                 345                 350
252 Gly Pro Leu Gly Pro Tyr Lys Leu Ser Trp Val Gln Asp Asn Gly Thr
253          355                 360                 365
256 Gln Asp Glu Leu Thr Val Glu Gly Thr Arg Ala Asn Leu Thr Gly Trp
257          370                 375                 380
260 Asp Pro Gln Lys Asp Leu Ile Val Arg Val Cys Val Ser Asn Ala Val
261 385                 390                 395                 400
264 Gly Cys Gly Pro Trp Ser Gln Pro Leu Val Val Ser Ser His Asp Arg
265              405                 410                 415
268 Ala Gly Gln Gln Gly Pro Pro His Ser Arg Thr Ser Trp Val Pro Val
269              420                 425                 430
272 Val Leu Gly Val Leu Thr Ala Leu Val Thr Ala Ala Ala Leu Ala Leu
273          435                 440                 445
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276 Ile Leu Leu Arg Lys Arg Arg Lys Glu Thr Arg Phe Gly Gln Ala Phe
277     450                 455                 460
280 Asp Ser Val Met Ala Arg Gly Glu Pro Ala Val His Phe Arg Ala Ala
281 465                 470                 475                 480
284 Arg Ser Phe Asn Arg Glu Arg Pro Glu Arg Ile Glu Ala Thr Leu Asp
285                 485                 490                 495
288 Ser Leu Gly Ile Ser Asp Glu Leu Lys Glu Lys Leu Glu Asp Val Leu
289             500                 505                 510
292 Ile Pro Glu Gln Gln Phe Thr Leu Gly Arg Met Leu Gly Lys Gly Glu
293         515                 520                 525
296 Phe Gly Ser Val Arg Glu Ala Gln Leu Lys Gln Glu Asp Gly Ser Phe
297     530                 535                 540
300 Val Lys Val Ala Val Lys Met Leu Lys Ala Asp Ile Ile Ala Ser Ser
301 545                 550                 555                 560
304 Asp Ile Glu Glu Phe Leu Arg Glu Ala Ala Cys Met Lys Glu Phe Asp
305                 565                 570                 575
308 His Pro His Val Ala Lys Leu Val Gly Val Ser Leu Arg Ser Arg Ala
309             580                 585                 590
312 Lys Gly Arg Leu Pro Ile Pro Met Val Ile Leu Pro Phe Met Lys His
313         595                 600                 605
316 Gly Asp Leu His Ala Phe Leu Leu Ala Ser Arg Ile Gly Glu Asn Pro
317     610                 615                 620  .
320 Phe Asn Leu Pro Leu Gln Thr Leu Ile Arg Phe Met Val Asp Ile Ala
321 625                 630                 635                 640
324 Cys Gly Met Glu Tyr Leu Ser Ser Arg Asn Phe Ile His Arg Asp Leu
325                 645                 650                 655
328 Ala Ala Arg Asn Cys Met Leu Ala Glu Asp Met Thr Val Cys Val Ala
329             660                 665                 670
332 Asp Phe Gly Leu Ser Arg Lys Ile Tyr Ser Gly Asp Tyr Tyr Arg Gln
333         675                 680                 685
336 Gly Cys Ala Ser Lys Leu Pro Val Lys Trp Leu Ala Leu Glu Ser Leu
337     690                 695  .                 700
340 Ala Asp Asn Leu Tyr Thr Val Gln Ser Asp Val Trp Ala Phe Gly Val
341 705                 710                 715                 720
344 Thr Met Trp Glu Ile Met Thr Arg Gly Gln Thr Pro Tyr Ala Gly Ile
345                 725                 730                 735
348 Glu Asn Ala Glu Ile Tyr Asn Tyr Leu Ile Gly Gly Asn Arg Leu Lys
349             740                 745                 750
352 Gln Pro Pro Glu Cys Met Glu Asp Val Tyr Asp Leu Met Tyr Gln Cys
353         755                 760                 765
356 Trp Ser Ala Asp Pro Lys Gln Arg Pro Ser Phe Thr Cys Leu Arg Met
357     770                 775                 780
360 Glu Leu Glu Asn Ile Leu Gly Gln Leu Ser Val Leu Ser Ala Ser Gln
361 785                 790                 795                 800
364 Asp Pro Leu Tyr Ile Asn Ile Glu Arg Ala Glu Glu Pro Thr Ala Gly
365                 805                 810                 815
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369             820                 825                 830
372 Asp Gly Ser Gly Met Gly Ala Val Gly Gly Thr Pro Ser Asp Cys Arg
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376 Tyr Ile Leu Thr Pro Gly Gly Leu Ala Glu Gln Pro Gly Gln Ala Glu
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389 <211> LENGTH: 678
390 <212> TYPE: PRT
391 <213> ORGANISM: Homo sapiens
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400           20                25                30
403 Leu Pro Ala Arg Glu Ala Thr Gln Phe Leu Arg Pro Arg Gln Arg Arg
404           35                40                45
407 Ala Phe Gln Val Phe Glu Glu Ala Lys Gln Gly His Leu Glu Arg Glu
408     50                55                60
411 Cys Val Glu Glu Leu Cys Ser Arg Glu Glu Ala Arg Glu Val Phe Glu
412 65                70                75                80
415 Asn Asp Pro Glu Thr Asp Tyr Phe Tyr Pro Arg Tyr Leu Asp Cys Ile
416           85                90                95
419 Asn Lys Tyr Gly Ser Pro Tyr Thr Lys Asn Ser Gly Phe Ala Thr Cys
420           100                105                110
423 Val Gln Asn Leu Pro Asp Gln Cys Thr Pro Asn Pro Cys Asp Arg Lys
424           115                120                125
427 Gly Thr Gln Ala Cys Gln Asp Leu Met Gly Asn Phe Phe Cys Leu Cys
428     130                135                140
431 Lys Ala Gly Trp Gly Gly Arg Leu Cys Asp Lys Asp Val Asn Glu Cys
432 145                150                155                160
435 Ser Gln Glu Asn Gly Gly Cys Leu Gln Ile Cys His Asn Lys Pro Gly
436           165                170                175
439 Ser Phe His Cys Ser Cys His Ser Gly Phe Glu Leu Ser Ser Asp Gly
440           180                185                190
443 Arg Thr Cys Gln Asp Ile Asp Glu Cys Ala Asp Ser Glu Ala Cys Gly
444           195                200                205
447 Glu Ala Arg Cys Lys Asn Leu Pro Gly Ser Tyr Ser Cys Leu Cys Asp
448     210                215                220
451 Glu Gly Phe Ala Tyr Ser Ser Gln Glu Lys Ala Cys Arg Asp Val Asp
452 225                230                235                240
455 Glu Cys Leu Gln Gly Arg Cys Glu Gln Val Cys Val Asn Ser Pro Gly
456           245                250                255
459 Ser Tyr Thr Cys His Cys Asp Gly Arg Gly Gly Leu Lys Leu Ser Gln
460           260                265                270
463 Asp Met Asp Thr Cys Glu Asp Ile Leu Pro Cys Val Pro Phe Ser Val
464           275                280                285
467 Ala Lys Ser Val Lys Ser Leu Tyr Leu Gly Arg Met Phe Ser Gly Thr
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Input Set : A:\SEQUENCE LIST 33157A.TXT
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Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date